

## RECORD

Collection and Field Note Book

Butterson, N. - (Tribigallysis and ) Late 173

No. 74

(July 26, 1964 - Nov. 30, 1964)

(45685 --- 45938) Pages

1-3 1-3 2-3	France
12-42 52-42 14-4	Scotland Specimens collected Pass of Killieursniche 45691 Loch of the Lowes 45692-45693a Gray Mare's Deil. 4569t-45703
E1-1	Edinburgh Stirling-Piclochry-Perth- Edinburgh by bus
28-43	Prip to White Coomb
This wife.	Epecimena collected near Glen Fillin. 45704-45706 Loch Fulls 45707. Moor of Rannoch. 45708-45710
	Mosello Statt of teath

Car trup Edinburgh to North Wales

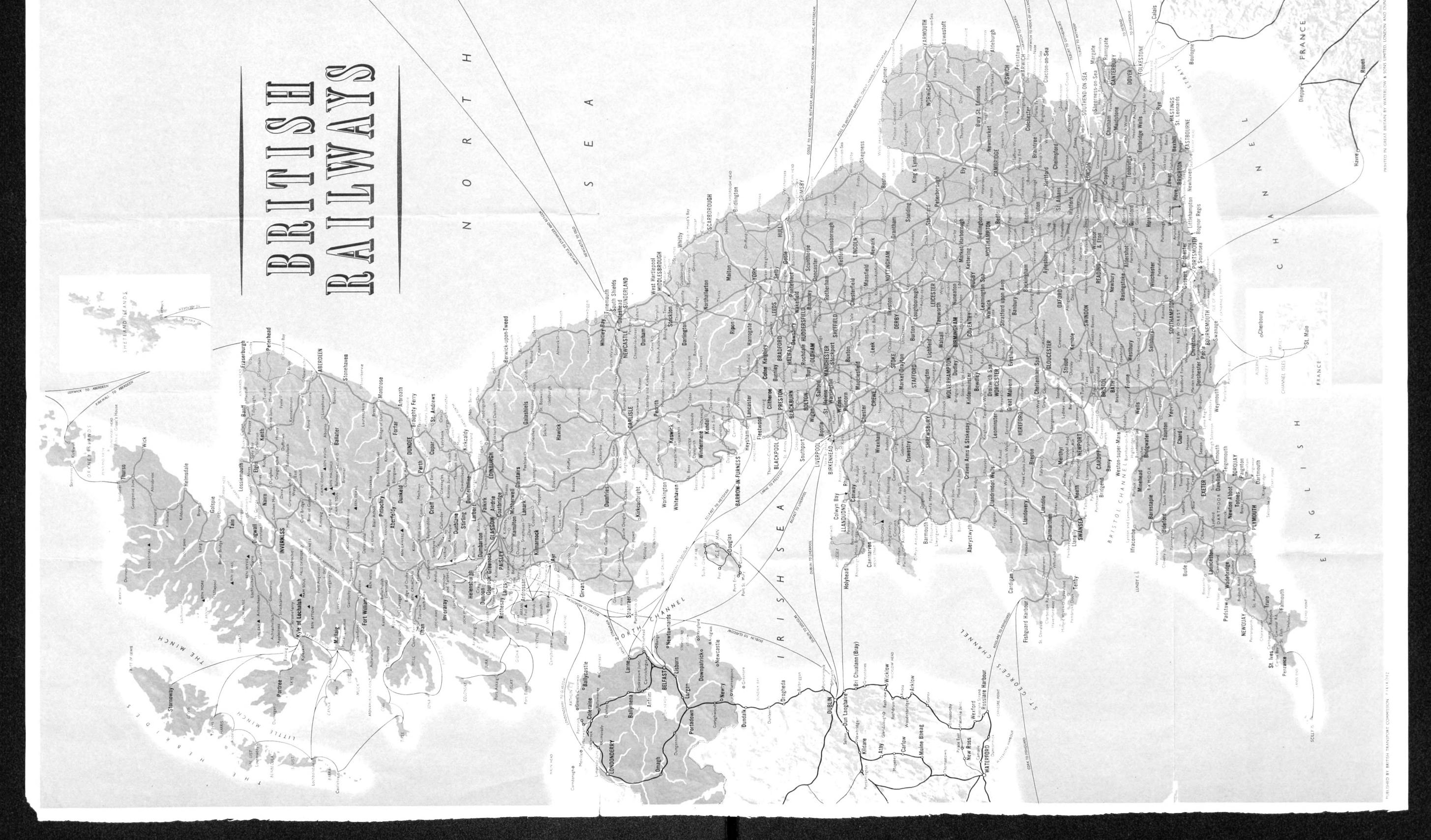
Specimens collected Newborrough Warmen Nature .... 48-51 Recerve, Anglesey Is. 45711-45712.44-45 Cum Idwal Nature Reserve.... 52-54 45713-45721 56-57 Llyn Peris..... 45722-45726 58-59

Mrs. Jean Kromi

Bangor to London by train 62-71 Shaperson Cray Clark Large 1 200-22

		Illinois
Collection and Field Note Book		Auto trip sou
No. 74		Delaware
		Specimens col
(July 26, 1964 - Nov. 30, 1964)		North of In
		near Assowo
(45685 45938)		Area, nea
	Pages	Beach (Sus
France	1-3	North of Fenw
Fontainebleau	1-3	Sandy Cove, In
Specimens collected 45685-45690	2-3	Ocean City .
Scotland	4-47	Maryland
Specimens collected		South Point,
Pass of Killiecrankie 45691	• 24-25	Specimens col
Loch of the Lowes 45692-45693a	<b>.</b> 24 <b>-</b> 27	South Poin
Gray Mare's Tail 45694-45703	<b>.</b> 26 <b>-2</b> 7	Ocean Cit
		(Worceste
Edinburgh-Stirling-Pitlochry-Perth-		
Edinburgh by bus	4-13	North Caroline
	14-24	AILRIUIA
Trip to White Coomb	14-24	Specimens col
		Skyline Dr
Bus trip Edinburgh to Rannoch and	08 112	Dundo Pien
Glencoe ·····	28-43	Shenandoah
4		Pk Hdq <b>rs</b>
Specimens collected	).). ). =	Skyline Dr
near Glen Fillin. 45704-45706	• • <del>44 - 4</del> 5	Jarman Gap
Loch Tulla 45707	1.1. 1.5	
Moor of Rannoch. 45708-45710	••44-47	Sawmill Ru
		Shenandoah Na
North Wales	46	Elk Wallow
Car trip Edinburgh to North Wales	40	Skyline Dr
a		Rattlesnak
Specimens collected	48-51	Hogwallow
Newborough Warren Nature		Wildcat Mt.
Reserve, Anglesey Is. 45711-45712	2• <del>44-4</del> 7	(Fauquier
Cum Idwal Nature Reserve	7 <b>6-74</b> 1 <b>56-5</b> 7	Fairfax Co
Llyn Peris 45722-45726	8 58-50	Trip to Fred
Cum Artra 45727-45728	0 70-79	Alexander Be
Bonson to Tondon by their	62-71	(Spottsylvan
Bangor to London by train	VE- 12	Flight Washi

Washington, D. C. (20th. &E) 45925	152-153
Illinois	72-78
Auto trip south, Urbana to Olney, etc.	1- 1-
	90.03
Delaware	80-91
Specimens collected North of Indian Inlet 45729-45734	80-81
near Assowomen Recreation	
Area, near Bethany	80-81
Beach (Sussex County) 45735-45755	88-91
North of Fenwick Island	84-86 86
Sandy Cove, Indian River Bay Ocean City	87
occasi or of	-,
Maryland	00.00
South Point, south of Ocean City	82-83
Specimens collected South Point, south of	
Ocean City 15756-15757	92-93
(Worcester Co.)45758-45767	92-95
45768-45775 · · ·	124-144
(Worcester Co.)45758-45767 45768-45775 North Carolina 45901-45912	128-129
Virginia Specimens collected	
Skyline Drive 45776	96-97
Dundo Picnic Area45777-45783	96 <b>-97</b>
Shenandoah National	06-07
Pk Hdqrs 45784 Skyline Drive 45785-45791	90 <b>-</b> 97
Jarman Gap Fire Rd. 45792-45795	100-101
45796-45801	<b>102-</b> 103
Sawmill Run 45802-45841	102-109
Shenandoah Nat. Pk	96-109,114-122
Skyline Drive 45869-45875	116-117
Rattlesnake Pt.0'lk 45876-45892	118-121
Hogwallow Flats " 45893-45900	120-121
Wildcat Mt. Preserve. 45842-45867	110-113
(Fauquier County)45914-45924 Fairfax CoTolson's Grange	140-149
45913	146-147
Trip to Fredericksburg	
Alexander Berger Preserve	152-157
(Spottsylvania Co.) 45926-45938 Flight Washington to Atlanta (Ga.)	122
Georgia. (north from Atlanta by car)	122-123
200x Dzm //	2007 1000



Book # 74 Begin with #45635 End #45938

Mrs. Jean Krown



## Standard Miniature Blank Book

No. 665 9½x6 120 Pages Units No. 667 9½x6 200 Pages Units No. 668 9½x6 300 Pages Units

Made in the Following Rulings

Journals, Day or Cash Books, Double S and Cts. S. E. Ledgers, S and Cts.

Double Entry Ledgers

Records with Margin Line

When ordering give Number and Ruling desired

Made in U.S.A.

Below, on lower slopes, calling and Erics are absolutely dominant.

Scattered Vincetoxicum, occasional Thymus, lichens in small openings, scattered young tinch and pine a better flora in a small raining down from limestone.

On plateau there is considerable grass mixed in the boatler. An inregular surface of fine sandstone, with depressions that

no checked 1904 Trans July 26. road from only labels typed are normally filled with water. Bare pånes birdes and populus tremula between the depression. after a months almost without rain almost all of the depressions are now ding, most plants dead. Dry more abundant. One large gran is common (Photos blod & b. v.w. of landscap). July 16 Fort de Fortaineblean 45685 Populus temula oceasional on megular sandstone with heather flowers bright deep purple, 86 trunella common on limestone outcrop in sandstone canyon flowers deep blue - violet. 87 Campanuly XI commen on limestone outerof in sandston canyon blower white. 88 asperula rare on sandstone in ravine draining challs bed 89 galium nove on sandstone in navine below chalk bed. July 16 - avon (Seine et manne) near Fontainebleau flower yellow. 90 Sonchus deraceus L. weed in garden

ang. B - Edunburgh - Sterling Pitlocking - Pith Edunburgh

by Bors.

by Bors.

bound fratches

of thick mixed decideous

word in outstein. cy

Colimburgh. Mostly watches

of houses and grain fields

except where too rough.

a small basalt outsing.

Just out of trum.

Pastanes on gentle slofels.

Cotato fields. Hedge nows

many of them with large.

Firth of fath Birdger at Greensferry with bedself sedimentary with the tide low, exprising large beds I fucus bet, the two hidger escarpment wooded - partly devolutions, partly patches

Epilobium argustifolium & flowering along wood. Grain in Conthy barley) I i, mostly about rige and yellow, some as heat and oats trill green. Toward Livelithyou quity I a Gers pastures with sheep west and in protosts patcher.

on it a large and of horten forest show meadow many flowers in openings asp. Elseloberum enquestifolium Fields of turnifes a cabbage, Lene cir of jawbern very common and showy,

Rolling Country with small hadges and reallered tros smortly in hedge, a few patches of wood, on thicket worthy Then country, grain or grastiene. Votatoe greech. with a few profifier. finall lake and finlithyou l'alace tivlithand i an old stone town. The lake extends along one side of it. More gently rolling cultivated country. Catches of brachen and gorse on steeper serper and rearly, Conglui thickets.

Talkins - undustring citis
Then rolling land with

Peters of front, golf som

Every Cartines cultivation.

Thickets. Large culm file
of the part woodel, with

6 Særtland Pinn sylv. nen

Country somewhat rough.

Scarpe worded to mary holder of the start of the bourn fattle.

Boarn out Durn fattle.

More culm piles.

Stirling - pictures of r Alone tops Crossed strang with

soveral areled trangle.

flooks of guel won Wolling.

Battle of Stirling Bridge

1797 Dra wooded

primonting - a state of the Bottom Many fields,

Bridge of allan rad a) unblane. De gardene, every whe, ag shipleh.

leaf sent fourt. Llother partured, some grown fields.

In roadside and wary spet. Durblane

Gentle hilly card, Hostly pastice some frust

Portato field, grain, sweeded

Then gently rolling land, Iseallered Tree, Porturerand prototo fields The Muttill Pasters with greve Roole ridge. Brad solling walkey bottom partiel, tollde nows of tree threbeto Crieff and pive, Em. Meter cleared, orver with bruchen and sapling, gentler stope in grain and prosture. Amellowerd of bird, all ash, ste. Partured lite will scattered trees, and patche of word. Though bracker, leverly on hills.

Climbing into Righes wills or low mountains. Some patoling of mined larch beegle prine, etc. Jeound landscape.

Austly a moradin by small potents of

heather, bracken, grass

donader for in alread. Tree legs, their desirance a poly only this spire of the first til fat of vicey. River Town Lenge, brak gravelly bad, Meany grilli. fulls Lower jederten. Breakleaf from Buch mostin ice el flustilismo across in allegan energy floor cutting versage of much forest of according birch orline, wand, delin ence on the color Plates above beatly problems Button land & tream along ine cultivated. Hills wir with parkle To provide of frustant & heath www. and and acid. Postlindering Alipsof was first along enver or acourtered birch i mal with from

& Bracken Wilder on selle about, flanted to there sayly seallings. room bill bare & growing i hearth-cornered, wither worth first conife plantation & oate (or come 1.6-1/2. ) Valley to them is any flat a min.
Pitkother fasherry uptoward Killierantie in largely woods westly with frantad confer, on all but it, most level and elepestares. gentlesites and fractive a sult eles story cor an work ont grany i hoolding. Maes more still him done oak fred furt De Cor Killer . Line. at killien a while there is of now with considerable Betula, Tague, a little Lube. and I racines also what appears to be conflue, through it grown meny large. This is on the steel sloper about the new much letters; Pteriding, Drygffering grane of several year, Itachysta. Epilobium of.

1 second

The wind down the rim gary

The wind of the son of the

From Lourised down in the committee, and the committee of the committee of

Road there Tany Times

valley between for culty

swelley this a way Up

valley memores to a

democrate fourted glan

Then stress of Chile time

and there show fine

charge from these clans

word, ento hilly County mostly gharay. escarpe desire y revoluel. Confin plantation and patcher of tradles from gard our Valati ficed an gently 120/191 i can free to much guse on grany stofies y steep mountains always Land los tilly and milly cultisted in vælleg Mir; side of Cher. Rucil Current election ling but ne reaching those mile freels 1000 longer a condition file to le molarise. Wide way feat rally, ornestly in grains Leating patelle of noved, experiency on other will in see from land got become, somewhat wellen. midnathet. Kimorpas fund west treat Times dera Br. Rille flat country mostly in gum and partind, schattered christie of treating the, hedge now,

lug a - Trify to White comme (1.9 Roger, Trans. Para Byt. Co. il . d RateCiffe, D. Francisco, 37 162tought sebbe. Venicail Rolling conding, Ma-Aly cultinated . Some small patches Teagher. Atill not - my forman more relief almost a prostorio no trees for some die end True on fread -They a some of wind. relief increase - out event of our land plantations I'm a seeps slope patetice of towards of recode, wealth first of Scather and mader That fortune continuente. Thom for the form of Epithenn

Courty has become quite Venu rybrestii, beth weat stone walls Practically Then some grain and a few hedgerows, but still mostly parties. Anne mattered yours on sleep slope and perhaps a little heath on hilltops in distance. Gullo in pastures more woods in valley and on slope. Veebles. Southward the hills become more and more completely forested with parties ... the level bottoms and gentle ever sloper. Frest appears to be and they were blanted conifors. Then know open brills with coely a scattering of wire helen fills become bugher. muleithen - King Tweed. forver alphan of hills with frest a Leathers tren with years heath and gran.

God disteller worth to B. Many Jet Porter of of francis - develope. Ju Dalmaker of the street will a Took with Con- Lorino -Louthern Luci Palcing fredate turning & allings The colony stores we in. -valley lottoms 14 rather 1/2 26/2-Agree garage for the 7. 40 7-000 how the su trans and upper I large : Print - more to en- alterine some some on and Cake on love - coop - toppe in agreed peauling. More a vid wow theatharmy Cracken West - pacing slotte mothy health, and fraing true franchise operate this wary -cu-constant. A file Trong hay for Care, of humaning a vicktor of gran & will Mackey wetright is our the redge, grate gratela. I'mitrotion vary. Her ber forester over 1000 yours orgs, I'm street

graning for 1000 years. When there is dia enter it is appointed that there - Drugger for Children of the there are some trees in walker. mostly pine, beach, exc. but on hills me tree at all. vdvral bande 46 they every ordion forme cattle! Grain field + turish. 1:1 it of later of lay - to there. downest, gentler - + le par granda Story over They bearles. Un steel selfe some emile alver Broke in small aliparty ranners also a few or dowest week steps along labe. Various Trees on lovely land after labo Where Calu bank and authorited field and franced gratues. alvorall vilced patobe of plenter force first above their flat. a few The to help there we were . fraligrans. False of The Lower - small morally shot in factive Junear effective the i many dobe species. Thousand

19

of water on your est lively -is uncertisate to be thereof Werms lies was the server price it is it was to only - we wint of which were he a trib per the endered The born of schools the mining or our land washed around The show. 1- L-Cu - outlong - hans retech (45") - letter - ---Aquea, name frat bottom. Amall, at somet v shaped raising mindown Mose slope 1 second with the first of the Mostly region of the yel. One releast - raile portion forhother mostly hacken Alline about equal. There is help, after caller. Entered County of Descripies. Tothe stope, morelly grassy . The . Trainer frutter on aller Heat or steeles, anded dream. Am all economics cwaden on paths fran mans Tail Falls).

steep stope perhaps 550 million assistal appropriate, tenning a copie of Vertices on the there, a liberal in france of Vacciona in politice. Campanil - whending the Folium rapatile (9, -horas and Calliena rudgaris, " accomes Portentillo cerecla (4 peter) Polices of Clerislian agreement. Un seven dump of Perchanding of lexurse and Cryptogramme Om intrusion of basic noch mer speciel, are found mel. Inquients Cyphasia scotice and & comme in small bytud and morny - resting small-fld, i mountly self pollinated " conf. lange flat. a insect hollingitude Marchy states wife or fruit wend will 2 rephoness upp. molling caerules, and 2 plants of Nathecina orafregia (yellow fed.)

The wife of the second of the

Trail to gray manes Tail fall.

In west rock cliffs

Chelymeter to the cliffs

Man Carrier Hyrron-phyllom.

Lime catrage.

The Hymenophy Clum opours in small mats on hather dry is to rection of behaver like a resurrection front. The bestile promple as in two rows in Total the franches.

in series on the parling
in a francism and galium
hapaymens are colonizing
in abundance, Vestuce,
ovina? and Deselvery free
flexcuose, also and anthoxanthan
and in the galium,
and it is a francismon also
the particular of colonizing
in the construction.

Valley below fra Maris Tail haso few quetterates field, or flat bothom. Rever of Tradley trees of a sound olivelling - acc. Francis Hada, a bout 40° stole, grassy weeks pateling borken, some very lage. Fower down interm in and with sould tree. Then carge enife plentiling organ west side of valley. then a semi-ofen error il la se val and beginder The confee plantation, here-The state of

There the role get lower of traces of the season of their services of their in the world when the services is the world when the services is the world when the services is the services of th

the valle-bottom only server that a little miles. Chens out into de months, wellon when moffeet is located. with from moffet along valle, of River Quman - milt fields in flat britten and on tenace, Pasture and amall bit of word en rides. Patolor of brachen er som dopes. mostly grany. Wet place derinated by June 11. My the walky the la district in treelers except in actions bottom, wohard there are a fice served plantings and a few ties. alena the strange Road leaves untilly and creates a - wear into place - a is the pater mixture of Science Callerna a gras 20. frances of K. I consider The were a place of wife last Tally of Concell (!) Varley roother wint grite religion of working. The box see I'm wall The service of the se to cally pour tremthan Lower down wire confir plantings vague of francilly on a rediod breaks. Truck to your . Some Croadlant trem.

Att. Cone for planting, made corner on usually a wind brooks. It stope now mustly heather a freehen in e. side, forme gran, and health and Broken go, w side much. teres and its more and men heath o bracken or w. siele. Lorne dista eral werelland on un no. Standing Egzlobium anomityolum. Heat valley known. Morgeton Accilence Tree of other more of these in valley Cottom och, and beck, maple. bring hary - in conife planting on idase stope the of way excellet for fratching of weekle · near Copie of Done. They low bull, mil rootly pasture. Range hill an distance Oceaning CARRIEN. Municipal ... Hilly, grasy, almost Treeles occasional cultivation. (rees berown one proceed. Confer wind breaks a strip some on will recasional Julle ssatteret, with a Jel everet, in grass field. Wenly, of week 2-1 to april

Hills locater , Edwer, Oals more governon, are anided cula. Book windfield. Revolute Bunda Unde frat in the you that there, marcely dence entury to be evend - Realing. timifer flanting on liells in distance state ad has rows a patches commen. Jently rolling country or legge full in might. The a of lower. This of illun worter. Potatos, vinas a cattle. dead burn. Kown of Trees now a framing. I lain will proprie incess in the factor consider Periolist.

featland

ang. 8 - Pass of Killiecranbia rax in mixed decidnous front on slope near queen's View 45691 Betulo

occasional

aug. 9 - Lock of the Lower
in marshy sood just back
from shore of lake, grazedly shee;
92 grass
occasional
93 Cares avalis

tree 10 m, tall, 15 cm. dble sprouts.

1964 Scotland 45693a Ranunculus (repensarais?) aug. 9 - gray mares Tril 74 Galium bergneum abundant on stabilize rue stope 95 Hymenophyllum wilsoni very local on dry rocks in trail just below falls. 96 Cyptogramma adminion an sere stopes 97 galium brancynium sløfer above falls. 93 Luzula occasional on steep granny slope above falls. aug, 9 - mas above gray mares Tail 99 Northesium ossifraga oceasional in marry spots 00 falium hercynium occasional on gentle slope in mon 01 Dyopteris spinulosa occurrend in mon Juneus (Trichophonus) caesfilosous abundant, dominant in parts of 0) Deschamping flexussa occermal in mon

getal, bright yellow.

prostrate

dry, fertile primules in 2 rows on my side of frond.

mostrato culm, solitary

flowers yellow. prostrate, blowers white.

terse finning dense sod.

ang. 11 - Brug tris, Edin sund To Rannel and Blorene & het. Cely thing Throwing Grate-phine, has Vir you. Low resonant rolling cell. land, some trees. Hide - Carriello, - Protocolores with scattered ned onspires. aufunt (Turn-bouse). Ame hadges and would sig without hedge. Kinh deston more hedge and now Trees. Foul flat tiplet steep-rided fail & me residences for our male should meres tide as thirty vegetated - quant of mail Cratily, Dridged Warnel burgh. -there mening has money been abandired as enver in superior tielde many money of trees, small woodlest, heage Mustard correspondent fields. More shale orne. Rolling cultivated country. Kirlithegow Low hilly country with Martine of cultivation, some hedger voteler of brachen and Helobur angushfolium. thicher.

Small hill bit of freit. Grand on scale. When we have Woody polities - with the the and Contobinens Callender four well dange grewnal and find of old dornan Wall. I falking. I'd to Stiling. Filed of the probable with the July Course Jose fallows Fields with gran braker + stream course, Hedgerson. Plean. Longe culin file, ene at sud uno egetated oller with salmolant -intall trees. Mine more closel or cond is exhausted. tilled and small hedge & store walls for offets with -large Janes Grain field and frasters. Some turning cabbage a potatoe. Barnethleer Largenton wall will plants in crevieri Kinaria eyrulalam. Jaguna Cinh. Ver amount Grain Inf.

Photo ( lays) of ftirling Castle Flat cultivator land and would wooded hilly. Camprie Hill. Pastur and some positions of more or - your of trees. on left. Flat call land on oil. tills are bruchen and frest plantations. Horn freeds in flat ground drang being wante. Acres -2-mad reprostlytts. Finth, Valley-22 flag. Daing country. Treeshan in vid Ayrahin cattle, fa ge often & day- start + to strall round our. Morthy har filler Aired orflowing d. - 1 Tradles some grain. a Hero Vision Labor Questicher for hell farther + apren o Patcher of worth to wief to Scattered trace on Silly myster in frenches. Omminio. Hellow with reattered been They are oal, osl, mall, but mostly oak.

forms hilltops covered by - troops Buchlywas Extentive pactures with Medge, der gentle hill. Hedge of Cratague. Lange tree along road, hould -unsolleti-Hill oliange to milling country failly pasture partly out Tice along wands and navine, locally - un regarde at triples. conife plantitur guit. Markey, quie greed. Day Drymen Verse English Thenety wood, and faiture on lebt. Hay ild on it, then on left! The better swood of come Worded hill on left bald on top - I siche of word is thinker. Jackocham. How hells-Lenerio overy abundant in fallow fasture. Clatarques hedges and - store would - + Crip of somel. Catella check. Helli traffer bret very rounded a dance woodlot. farge bill ahead to me. Balloch , and of forth Lowered.

River Loland, suttet of tock formand. West slove of free formered Aloped with masters. mainly oak. Rhodolenden Thielets - low dear monded clumps. Hill on legg with gatile of were he and packure on 20 wic : -2 Corge, head, - 2 was derent. Islands in lake partly woods partly grassy, with Mouse Broad valley with parture and strippe of trees, work cult. est potatoes and may, some vate & turiste. Confee planting new castle Kots illus Undergreeth of Rhadodending + ground lange of brachen. Harge frature with exallered Ronge trees motor sole Patcherd boarded freed Large hill or left will confe planting. lloger more and went wooded, out a planting of confer form elfer stope with bracken and scattered Person of lake and hills I know, Mountagin in cont. h aines of elative mulling mit

above from mercon olopen Partly only grantly comifer planting. On steel Tlops abundant, and bracher. Homall hay fielde. Open sloties correct de broken. of enoby fred, of in the closel. Unother side of late, frest only on leavest slope, stringing up navenes, and a for reatland tree experiend to alrest is the hogylist of sen formal. Thickety/rak freit on come stope, restery tree in traclition eforward. On hen domend a muching heath fratcher in gross. Aloper fret above like have a worked from of work Mily strike by ate. There in Alecco closed, in places The best of parent on one Il- lake, falling out injuliand. seaver that articustic on frothe side of monthing part of the Soch Rehrmond

Ency M. Mit let ent about Mad, Vaccinium clas in ord - war our - work this later princed, on a la mappe, and Ben Bornes on Light for regarding letterff ... much fre of a Lerving mison of the state of and tolering -On to The period of get sim varies from grant to ofice fast anderendovel, of my Elopeian Februaries, steep, about 45 !! There are the man on the ærdeni. Hope brechencevered with small pratitions of woods & the that. Turcach ad of sech forma. Plan Tallock Harrow that totter, 45° service it wien, of en mood and ofoning on walley flow. Some ofrento elosen preston wowe Falls of Fallsch Dry often about one

Theywa galori sin Therman. Upreced the work ferma almost entree, Betha, very pately on duafel, principally celend at the on and in individe, And astrong being of Confilmer Colore fortes etc. and qually disappears Levilcen to meet in a mode weelley with sometim, grans, and Kermes cartition, perheje voorthe in latte, a few birthe manths stream and reathered Pierre reglection on lowered wally states the corspice umbella-topped. Then The relies from Emigo who string of biets along stran and a few plented batch on In Forefren ser birch a deep wir. Then ofen mondant of grace and fullion where plants of me for in almon on offered nian hannel. Lugar Cifet anto The Filling Calluna word to cal flex. Brachen plss. The Two forming a morain will mave and Kairpus.

may mon It Heally bank of text of fler fallie - Orlack now freedy Callena, North fire a clauding Production El. 27-6-Plater St. Da. A. color of Caller and Illiania. Moyley Callerge on 19 in left. Grand level of land Lung-sund of myrica gale (ortalis) low. Patches of Pines sylvestria flantings. to Tryndrum, High grass, bull, trees only in navino. more and correct adviction of Callum, -Gernly of Right Ben Odhan and Ben Duran - mil. Migh steel pealed it headed not true in the day on the gran with a the Choler in gatche ber and Then. Very young careful plantings or flex sally tollow. Glen Only - Village of Traky 10 12 de gating or to cherry were a lew briggin here! Order is a fraid repet is ream flowing from Josh Talis. ness in more abundance

along both rude of it. northerium Corre non in boggy Met. Thotos of lake. to be on sendy flats. Steam entering lake lived with small alder. frat valley bottom Wet grassy wills atere lake - shortheim abundail. - tral patelin of obvious writer in wet raving hold, race. n para above a rolitary forbu, graning from a crack in a least eriatic vonlde. Loch Baa: Lovoe small trees a struly in islet in Each 1-4 vere mistre, many welly islet. Phragmile. commen in strallow water. regioning of more Raungeh i sky complicated complicated by abundant low morainel stills, Everted by Colling. Ducey serul of Myring. and much Lringer coeffitories general humante by appearance

Enatic Condition when common (1) i salt. Vac selling, willowe, area, surguinded ly Now william, riture recy arnall estice. Wather of water, Keither this Heat layer over till. White Comes Alin Kiffel on 1 sat seem to do 1 - " thise ent vooit where appeared the brobile is splitted. White solventet with reglist a cone; tilland sample and another forall flantings of complete business example brilling! Shackarula bealing west for each carde of geen Cathie, called of the follows. Wild mountain and Callerno more - 1 - 1 Peals are were nothing, the pedetation except on may moderate slope (45") Glen Coe - Territor willy carrying. Many waterfalls. To do so common on cliffy of the nowing in Soltan of green. Three fisters of the cor, promised them bly weaks on lest

Jentles store of sides consery. Free, with even their oran, min ben or almost so. Virallen on And love alogue Magnificati U-straftes volley trees (vates, waspie ? africe amall the. This with abeliand agreatice plant would Phraymines Conife plantation in valley byttim, very thise. Signal Rock. Below this trees Bearing freely abundard on bything + leave, seation, but not large. alven. Laler Fragina. alming most abundant. Confer planted estally Village of flow Con. Frel Levis Down this for the irrauntain have a wunted applicational arms by oplacing, contracting with The magnet continue or bent with up the of Rom. Kannoch Mrn -Vægetatain er peatignens Colwarf 122 mile of Calline x-Man. Tall, with the exception

of languages carefactions, tryt of a your (or - there's ) were to be a filled a service in laction to the dother - by specials for the years Porco of the transfer of the second of Collins of the contract of the contract of Tyrung Cett from foreyour. Les huntheristers our outres. a Callery and your -a Millerman gala Acompany to the second Descharafish the latentells en to Louisa te tenter laced contra · My Course Marchaeren Leadin to explore and Morrison Vocacinian mogalisher V. with maker la 122 Jane of just Prengalo 1 - 11 I lace with find in him for a style will end with Rockenter proportion to as 2 with to relate a discoa recognition of an expension it species of and seed serving ma with subscript, entry a many

the me velo

oring offeel vegetation, much new to affect vegetation, much only agreety plants seen and against work Only Blechnum seen aller

In evoled effect Replaces.

Returning to the Doctont
with then More on right

grand with senting

Thicket of body and Doctont

Cliffs along Lock Dochart

Finotherm bodge a bond

Choose labe letel

Lewer and of foch winding

flack, with phragarities

Fight along a scarp do. Hen

Mare wood on scarp dw. Hen

Steel lower Along steamy.

Much beather on south seds

of valleyor have a letter as

well or ling her had a valley

they mention in frat was by

votions from pranting

forerof law or form distribe

of word flowers with

free in naving

free published

free of the stages

from out of a caracia - forpe

compatible delta to the stages

atech vellaged to the stages

Thought head he could be stored to be dead on the strate of the strate o

Bollon - Occarre none envocated tour head Jouth the wollings, , 20 mod , - Com of - 1/- 4 Conthye Breeze Balquelidde. much of cothings plumbers. on ent liste of waiting of when form som to the side of covered by conspir folkertings Trucky of Lavie At ethype The still preality to consider -Cutjust above - Roll is some gran. from aline thickets , and other brundled porte . Brachen quant layer have been hawested, Lower and of alabo, , or they Estile on east side, and - tellithy for The oloma Rose, 2 ferry they endon so side angele potal in earl side. Thirthe wood in Do them Upra Clay good on from 12 beton. relmansy Through the ville in high plote to ensit yours with interestre to be.

44 1964 festland. - nothweles aug. 11 - near mouth glen Fillin, above Crian Parich on heatly bank beside road 45704 Callina volgaris dominant 05 finum catharticum occasional 06 Euphrasia occasional aug. 1: - Lock Tulla, above Bridge of Irely 07 nartherium ossilragum common in wet boggy place aug. 11 - Whom of Rannoch, near head of glen Coe in Callina heath on small morainal killoches 08 Enphronia seolica common very locally around an enoded place 09 agrostis rare around eratic boulden and with outerops (gran) Mollinia caerules common ang. 13 - newborough Warren nature Reserve, anglesey Island, no. Walls in dune heath weg, stabilized tunes galium verum common locally 12 falix repens dominant, forming dense mats

Levans shows, floren - del lavender. florers white. geowers purple

evet, flowers yellow.

tople with the running into throat.

in small tursocie, culmi bulbour at base.

stems ered, flowers yellow. prostrate matter doorf shoul 1964 Scotland & England To write Wales -by can. Cultivated - Cand for appeals of fire photos south, their but of worknown or respections - rion the queite of a to This hart That were at in wall of the. Crozzed foluras arms Grand placin said to har interesting rounded to my is low feather to willing. Us Lake Partial i. spectacular, or mentaine and mayed, worth considered hourt, and hough mortand. The lake as be wiful. The danderage dias a iles modified office, and Throng unal elsewher e majand. frest go with of the Like picting and transferred on an abilities that are productionly bear in the Time and with slifter - worded on alophy and & of weaponts with a transfer of the cracks with special segulation.

46

Klades syram.

". The naviguesta dage a medera

larex of governor. flame.

Aug. 13 Newborough Warren Mature Receive (declared 1955) Flat area of grassland with small pohd, back of wide belt of lunes. Eggoslis, arrhenatherum Holews,

The tall passes have become prominent since mysconytosis reduced rabbils. Adjoining the reserve is a large for try project, when plantations of a great variety of confers brave been made in sand lunes. Clandwin Island is a

Clanding Island is a man of the partly covered by dunes. Here are bracken patcher health, in ammorphila. Color patcher and land to the common of roles. Which is interested to the country of and in the country of another man of roles. I put the righty of another to country. Generally, one to Elon miding I.

Centa a via mé mantionem Amaga Minternalla Emphrosia of malla

Equiselum variegerum

Pune healths (phole) and floors above they heard of the slowers, covered by a dense day of taking references they are called a formation of the contract of the contract of the contract of the grant of

Elmgate frind surround.

By marsh vegetation of Iris,

Menyanthes etc.

On this pond were numerous

costs, canada geese, hering

gulls and & swans. The

geese are naturalized, and

lecoming a muisance to local

formers. The herring gulls

are merasing and are

crowding rut other birds,

such as terms.

the variation in number of species from the beach inland is of interest. There we freshape half, a lozen species at the Tot of the Beach. In the rute, diene there may be is many in addition to the dominant ammophila. The "slash" have a few more, including some local, unusual, either restricted or widespread intinental nes not usually found in Britain. The "heaths" have possibly the same number perhaps mas but not necessarily the zame ones. Then inside The lune belt, notes sandy plats, the number is large, including less of the rane species but many meadow is approached, by ground becares weller and the number of species rapidly increases until the marsh is reached, which has a considerable flora. This is less, however, in the actual margin of the frond, when manyanthe and Polygonumin sp. and in ilmost fore stands.

ang in- Crown Later 176 cm 100 Theat alecul in min. with grassy lower at furmandles othersten over promise. ent - port - become it egget ordernance for itell. Alwer was for dent - the graphed rights deant by Mad That la detal question Exclosing will stroll eschuled for in the has more luxurery que with more down this had heater, by the colling and trien etgenery, Hende -2 Till promost seppe. file general freeze, a. frien fol-0 Markeystricta Caroli, Temus intentilly entite Golf ber ing Charles dataches, Part garala Chlagnan Blechman Comer Coxtrem Phammitium 1 of the day. Callwar

ea Lycopoline alpine

Wet place have in.

Compliant with the continue Deve " hildelier the " 10 24 energies and aredramage lines Lelige-1660 Confronnels of tendry to asplanen wie id Callera Greene strate Compression or ligneri. Lillen genele, tolage trycope him was Lo Cillag or nganon Common diguna otentilla erecta esther extend of the period Ledun 111 -200 Therefreture. Colypsola rulgue fac offer it don't Supplienter of agresti truck activali Lestina Thymn and eline exherit it

Con Avaller, Vacciones, or one of the constitution of the constitu

Amall web in entire Le Andre Cartraga De estrangenie Ginterne Callerpe, Vaccesses.

at head of water on from

this whole area is grayed by sheety. The Course is in a charge wally and the article of the sheet the markers. They have very a sort of terreturally. If understocked sheet sheet from meighboring sheet sheet from will come in a societable, the sheet in the sheet walls.

45722 Drosera rotundifolia i.

1 23 Tymenophyllum trackingense

24 Hymenophyllun welson

24 Hymenophyllia welsonie commen on ledges is only front on

25 Hyperican local in Sphagnum along rivulet on small tenas on

1 2 De Thelypteris dryspleris local in oak woods

> ang. 16 Cun arter on moist rocus in dense out frest. 17 Hymenophyllum tunbridgense locally abundant

1 18 Hymenophyllum wilsmin

hairs in leaves red; flowers white.

flowers yellow.

forming deep mats on vertical surfaces. ang. 15 - The patch of broad-leaf wood on a series of namor steps or tenacer, there quite mony both specie of Hymenophyllin growingside-by-side Small bog with much Drosera rotundifolia, also Hypericum

Drugged Catuary aldiated winderdy - Orthe Callina, Ener in 19 Ulesegalli in ramouth yet ed, in crever, to a small queto, in seme-dalouser oflantes edling of Trickovname. male rain.

fouth of has place life of alopedrowth ach fourt - mean House

Cum attacher with your Cambrian guit want shared only from the formall-terrores with begge

+ estimati Panear Slanket lover -Calluna dominant, with beinger caerpition, CONTRACTOR PR gureus of jours on Barlx we himming Enco Totalin Expedience subjection Did 20 20 Cresponence of the land 21 regimentum frences of the with orranded because and by and to by tickness come and with briang of the to plante 2-5 of peet. moult of estimate and mobiley reclaimed

south of carrier by diking impath, and stream orranging , The fort the cut of one med mainle my partine on last well, in

Que. 16 - Barger in Landen by

at low trap want raid italiane enforced, with

· V-1 apparent regulation. back of the chart a mere

Coolaf plan, in witherest

and in printers, frimlly small salt marshe.

their cont Hanfrain Jackan

this waital stry pinches off and steep alspe; com degn to beach.

Jenmaen Maarin a various coostal plain

La morale to perhangula

der great frame Near a sharely at a required

of sedimentary-tely (Country 1) Broad beach it would at

head I han with oliver A-lat ball of durice

Enryletch whered by Trade, carry Steep slope come of by

Brar Pala.

Corman in a gradiana" town as the of fine canthe and a wall generaling

old town. Very lange

estuary with the Now and work of many

fame he in with one, plumage, attitude out and roung to con - way " sund garden the twill . 20-62 1 of that, -- , = 2 00 6 000 - by dense front

flandadno jej. Reclarmed Heat, morely partine, earl of educary It ille brave doch words Le la Cadoones a 200 stopies, other, Elemento tops. formere the planting, who is a on steep execution. Column 122 ...

Hills forchoffed a cel winder Bus ad cycliai Estable. Largely built - 4 75 My Uze?

Then rolling land trees much track company.

there amoll, mes n'of flat led of wille cock

Home trends wife. it could on me inde

Then mercially

abergele and 14 manin setstand Extension very low frame, morte, covered by tracker

CCE TWIN.

090

Elen ishuredor lighter on. musel with a rout include. Eling Hire, Clivy ford flut dans fragues when they covered by now work. itzenaly Landenard Prestation is well-galder of the security that with still downer hand build middle procture, or will hard, I will statelles of word of and washing whire It leproduce en flat. and and Jenein jasstraens. And hedge. Takans Low trees \* mouse of tree on folah Extremely broad tide range Cots (Mostyn hand) week from the trace of education and a contraction, Morelyn. Guledricon angus Topolius and Enfratorism commodowness minused. Enlanted estartal fileg more ted by endanterrent to Medit out out for cellerated bulls with lester Jach of fine

Holywell ) of. wide estuary on media ride of track, will, closel, granged - well - was just - tal. then were i cal of the office it the breaking withing withing Myster of would Exterior of Cont - granger ilast proceed in more co, cult, and howevery on will of winter Much slite it is and embanhoned, Connach, Guay. todustring dela harible fine pasturo. quensferry. The hartene with bedge Rolling Will, with war and scattered trees, an distance. Extensive fitst comment of our strip facture. cult. hedge word the much training Chicale, Extension partined plat will todge and realling drees - aind outtination. Tree as the your case with - thyading want arouns. his centimen for a long my with cult increasing standwhat

forward wecomera hilly - belowine. Court atill in practice and street Turo castle is at the done once de land without one on in prosigition as is whated without menager willyad. Kand become horrow hat belly Meester Carly and Tarfirde; Pink on and thought forton o bill Hills and fractured with scattered tree. In que frell your on steelus flerence of the second partle in - etill paralune - with Chataegue hedge Decorner rem frent then dightly - no-200 min Canal would both Val operations, part most will. from its its its eggla halo Hat dand grain frields. wayer, restlered trees, grain. exact to havest. forme blake. - Le me frantiere. Haybeing havestel! Kand vecomes much willing. Third of at harling foliagetelle stream harter . . . fee War was to be a series Callerro or 1.1. col franker. wallow to what is a leave who , william me along

etream, McClow- grow fronte and fallow field in the day 4 ren state A after, - manker Of colole Laylange some wasto time. on my frede with Wielest. and Epolobie. Seathered trake most the Donler. Brad of lat -- 11, large cerillon grave, illed vring lange realtered frolland willows. frull canaband ditelier with Typhaste. stafford. Rolling to remewhat hilly country, frankly cult, partly pasture, some sliter with theath, surrequest, lodger, trees portion of word in a loss. frall river with flat organia bothern Cond. fell is distance to south with emper plantations. Tourty otherwise what wolling to flat, worth, celle bealland her The GALLACT That raking worth with along rule. Someindustry Fields = hely forall , wood lits. Mostly fasting

field, bedge Whiteher le estod and executeed tra, for some dictance without more closely læzellea forced open. flat wille willows alice strange. then gently welling yrain land, bankly being hardeted, with four. hoolge, come or cathered tree. Blittehlin Ind will vely of Takela a wound it another your ball, a ctay full, on Ties in a king unly mendy. Rolling grain- Sandard parture with he were and scattered tree. They meadered a few or eland. Thre hilly country, hastune and some with. Willows nlova strong. Lindlade Turnel Deighton Burgard Rolling pactills & grain land. will on y allow notice un beatland there i good bidge or small over. hoddington mun tudde a few ordered a light heldren. tilly, semi worker man

19611 Englass Ben hammater to Helley country, in and title Commer along in Cratilya, Krenger. Gran. Tield. Care Patel of fred. Hernel Herry hites of africa lastine with -2 catting large trees. Challe courter Williams a long wire and in and averal small lale Kingsvangley Ovaltingseter. Y /Jacyy Canal that men time Marchesty To Walford Fred on hall along me. Walferd Jul fourting of underly for all a use of the tille and Bushy Simo-open one de our sing mendens Me. Hatil Enl Weadons gonson the of hoes, It bed ming Harris & bearditors Les and on other land Range flat with mesolony noth Wierabley fordustes a chousing the next of the work,

70

ang. 23 - Trip by anto south from Urbana to Olney almost flat, checkerboard maire and say beans a few pastures, one or two small patcher of wor. Setaria faberi very abundant on roadsider and edges of fields. This area is generally east and south of urbana flightly lower shots have a black soil 9 Locally patches of roadsed. with some prairie plant, e.g asclepias verticulata but mostly sprayed - mowed. Detcles with some nating species - asclepias incarnate Kolidago off. ele. a few scrafe of hedge but mostly nothers except around houses and ulong ditches and chundized streams. Polygonum gensylvanicum. (mean Mawman). So of Brockelson is Catfish Ereck woods along it and gave of only. Then Louth of this toward Kanaus do more hedge nows and Trees.

West from lancas tury. follows a m. The lung . right - 1 way is closely mowed, that of the is has abundant herbe -Cenothers bienns, folilago et. foil becomes fromen and more sandy Allinoian moraine), more rolling. more woodlots. more wooded stream courses and depressions; more hedge. Even fallow field, with folidage, much ambrosia trifida. Then a vast plat meg with fewer trees and scottered or wells. Then the oil wells drop out still com and say beans. Woodchuck along rd. Solly of Case, are many woodlots Tieldignite weedy with setail faber. gray soil. Much Robinia. Hunt, some avan here said to have breeding prairie Elichens. south of this some groves of pin out silver maples. Much word in landscape, vows of rees marrly valy gover, worsted depressions,

Embarrow R. Wrold bottem land. It. Marie. w wat appear to be pin only in very common. West of this wood ist, with oals, brickaies, catalpas, oto Robinia, etc. Thish hedge nows. Cuphabia of corolle to very prominent locally along wad Cassia abundant. Verning a good sized worded area, probably a month south of Newton abount Cassia and nea two species of Helianthus along roads. Some oil wells. West Silverty abundant patches of word to west. Small lake. Woods in ravines and depression. Herbaceous swales. Olvey rocking. forme rates 2 of good seemd-growth. fouth of Olvery great is more and more doundant. hand rather rolling. around Mt. Carriel some very good frest. Frest of the Wabash-Cercis Ulmus amer, Vrunus ser Frazinia amer Gueras imbricara . maurage ale litschia Carya & illinoensis Carra de. fassafras allidum asiming Lignidambar Celtis occidentalis Kling tox. Parthenocissos

Polygonum vigosum Enpatonum vigosum Trisaerna dreventium arining, Ceres, Cornus florida not Thick but abundant, much khur Toxicodendron, some Vitis On flood plain bothmeria, Pilea, Phytolacian, Euphatorian, Sola spinora, Ruellia sp. Mudblenbergia sp. Campris. Acer saccharimum, Carya illimous ulmus americania, Platanua, Diosposa Celtis laevigata, Populus dell Liguidanta Tur anderstony is almost absent hers exaft plans to attered Campris absent in a blow sown opening there is a low thurbert of seedling ash, elm, order maple etc. Otherwise, grans and Brehmeria, with other hers. Acer negunds Betula migra ampelopsis sp. Vitis sp. gymnocladus (young)

Other and of property
Connus Hosp.

Quercus corcenos (40" lbh)

Celtis occ.

Caraga (shagbah)

Quercus (but very laye teeth)

Cereis

Faques Juglans migra

Morus mihro

Ostrya

Even shall bluff about creek, Marchantis folystichin accostidors: adiantum pedatum!

80 1964 Delaway Lept. 5 - just north of Indian Inlet and just back of artificial dune barner oraninal Fit Cenchrus tribuloide, L. conney Paricum amarulum Hitches + Ch. commen 33 Cynnelly daetylon Comming 34 Degitary common Sept. 6 - just south of South Bothany, south of Bething Beach on sandy flat with 35 Khus toxicodendron L. common 36 Lupus locally abundant in low place 37 Khus Coxicodendros L. common 38 Parthenseissus gringuefolia

fleshy, green, flowers

small tubts.

- small tubts.

large clumps, culms
ascending to evert,
panisle somewhat

dropping.

culms decombent, shappy

bent and ascending,

terminal part white.

- culms ascending

shoul in Tall.

nhigher deeply buil; culms
triangular.

erect shoul in tall

with slender creaping
branches at ground level.

vine climbing in brush,
flowers and rips bluish puit.

82

dept, a with of territ Le Conglet La Jan La 1947 - V- Color of - Lie mill a annit of concretition of at west tracket 11 freact burnings - remote manten, duglet of the winer. The the of the sinter, in The religion of the search in lat, they planted I would of a come grass, fratable, CEmpotatula Dita ungle plant of this extravel. in the sift of 19 4 19 4 the motificano no plant On the lower portion and can noth ridge is Carcill with some Enphalia olygmordes an a sew writer of Menangilli to Ephile vanis from scellings to fruiting ind dried info plants with some foult Billy Escule of the front have seed with jum styletons

forell during and reallery or contens nary of the the - Constant Contractor. ordin places in less clear to the recent, form of the total I all that is ban, will, it her seallend regulated Other wines have a their more of a grass " " 1; ) tell and In lettle beginnerthe plants poor it is too deast (to action). ithis aues en don duning prototo to my more Ilian in tingle, with a This but internet in which will among the control of the control o plant of white and foliage remariens. I very few clumps of Vanicus virghtim and of one the t is possibly a laybid Lonewhat higher du Iminate & Romofilia with orinsima vancen, uncoule he lamarum from a very thin wore mut die the running higger Dungatur Hylud smaller durify, street with

and of same flat inverted by men, down deemy and a shall dead of her sent of stanted frine rallderd) to un, a form of Vascinium of commoning with large subcorraceou leave a curions thus Toursolendon, a very pricely force a stunted morning scriptions (1907, Mysics, buchur, 9 way year Hay) Hudsonie sept. 7 - Landy Cove, Indian River Bay the grass at 8 am way very heavily covered with dest, after a very clear night. The tents, also, in the camp ground, wer very wet all the way to the top, Fy at least 2,5 m. this is true of the plastic tents as well as the canvas ones.

for TO clan City

ride in and the server of bay and freet

south of bay and freet

illustration of the stretching

and friend beach estretching

and the right of the settles

little vegetation.

88 1964 Jussex Co. Dolaware show densely branched shout, "primoreans" erect, fruiting cames 45739 Rosa 40 Rhystorizadendown V common depressed. 40 Rhus toxicodendron L. shoul in tall. common flowers pale greenish Cabout as many seen glorvering as fruiting -10 4 45 735, 45 737.) 41 Vaccinium vers common shrubs 0.7 - 1 m, talf, all seen sterile, leaves notably venulose and almost subcuriaceous 42 Kudsonia tomenlosa plant gray-green. locally common 43 Prunis steril shrul, abundantly oceasional of common - branched leaves plane. 44 Prumus steril shrub, much creasional to common branched leave folded. (teeth of both there not night for D, ma riting) 45 Cyperus calchitose, calma prostrat common in moist rund flestry flower ters than 5 mm 46 Calsilp edentula (Rigel.) Hook. common at base of artificial drine ridge 47 Emphorbia polygonifolia L. prostrate, green, nood, all stender, stoot, forming small mate. common at base of antificial dune ridge, rang less than 1.5 years in place. 48 l'anieum amarum Ell. common en very low dunes shigames deeply brused, culms depressed, tending Diles rolitary, leaver and parties glacieres, panieles unformly very narrow

1964 Delaware Sussex G. while Explication small takts culm 45749 Panieum pare, growing with 1. amarum (45748) and P. virgatum (45750) Write Rabels 50 Panieum vingatum L. common occasional or low dune 45779- 45755 51 Panicum amarulum H.v.C. occasional on higher dung rese blank blanky w. 52 annophila breviligulata Fe. abundant on higherdune, 53 Milsania seanline climbing in roadsidy thick 54 Phragmites communistim. dense stand in roet 2 55 Pluchea purpurascens v. succulen romatic common in wet sand

Write labels
45779-45755
use blank blank,

Sussex G. Delaware 91 1964 , helm textert set small tufts, culmi 45749 Panieum. erest, panicles rather rare, growing with narrow, plant 1. amarum (45748) and somewhat glavious. P. virgatum (45750) 7 talf clumps, paniels offen, plant mot notably glavious. earge erect clumps, 50 Panieum vingatum L. common occasional or low dune 51 Panieum amarilum H.v.C. occasional on higher dung plants glancons, 52 annophila breviligulative. m. paniely nather manow. abundant on higherdune, Twining tresburger 53 milsania seandens vine, flowers whitish. climbing in roadsid thid canes 2 - 2 mg. Talo. 54 Phragmites communistrin. dense stand is roll flowers rose- ping. 2 55 Pluchea purpurascens v. succulen & Fern. common in wet sand

Workerter Ca 94 1964 maryland 95 small patches. 45768 Cynoden dactylm 69 agrastis clumps, evert. 70 Panicum vingatum occasional evert, head yellow. 71 folidago locally common flowers whitist 72 Eupatorium occasional 73 Holeus lanatus? 74 ferfedeza striata ambring depressed, caeshitory 75 Panicum nare

Shenandoah nat Varegg 1964 Virginia 98 Left. 12 - acmy slag Cin town losing leaves. Betala lanta jortalle gamen, a Partinocissus redo maron

102 1944 Vinginia 45796 Campanula divaricata 97 acter oreasimal on bare soil oranimal 99 americania 99 Prenanther common 145800 folidage squamosq muhl 01 Erechtites hieracifolia very common locally on bore soil Sept. 13 - farmill Run just inside tack Boundary ground in valley bottom. 02 feersig virgining rare in edge of small hatch of Aphagnum 03 amelanchier orrasimal 04 Lespedeza occasional 05 flex or bler on low standing from on or bler 07 blex common in undergrowth an low damp ground 08 typokis arrea in open power-line right of-way.

several erect stems
from base
erect, solitary, in budaly
erect, flowers whitish
drooping.

erect, flower yellow. erect, stem succulent; flower graying.

shoul 3 m. tall, sterils.

sterns ascending

should 3 m. tall; sterile.

rachis reddish.

should 3 - 4 m. tall,

sterile.

1964 Virginia 104 Vaccinium of conymbosism rare in undergrowth on low moist ground 10 Pyrus arbertifolis common in undergrowt an low moist ground 11 alnus common in undergrowt! in and around patel of Aphagnum 12 Splragnum local patch on low wet ground. 12 Osmunda claytoniana L. common on low moist occasional in edge of word VY in open power-line night of. way 5 Lespedeza orcasional in this words 16 Lesfedera J 4 oreasional in thin woods 17 Desmodium recasional in power-line right-of-way, welry soil 18 Lastvea nare in open power-line right-of-way, rocky soil occasional in open power-line right of way

Then. nat. Park 105
sterile shrub 2,8 m. Talf.

sterile shrub 3 m. Talf.

large rosetter, rhizomo vertical. range white, dish dull dach brick red.

stem erect

several ascending stems from woody nort. stock.

106 1964 Virginia 45 820 Escudotarnidis montana Mack. rare in open from - line right-of-way, on rocky soil. 21 Heterothera mariang power-line right-of. way on rocky soil. 12 Congra conadensis obcasional in other en rocky soil. 23 androprogen scoparus common in open power - line right-of-way on rocky soil 24 lephrosis vrymana v, glaba common in offen power-lin right-of-way on rocky soil vi Desmodium marilandicum (L)12. in open power-line right-of way on rocky soil 26 Euphorbia corollata common in open proes-line pight - of - way on rocky soil 27 Panicum an open power-line right of way on rocky soil 28 Helianthus divarications occasional in open power-line right of - way on rocky soil 29 / renanther altissima L. right of way on welly soil 30 gaulter proxumbers abundant in thin wat fruit

shemandrah natiPade 107

plant almost ered, nags bright yellow, diele greenist yellow.

green, culms erect.

stems according;

plant sterile.

several stems from every wordy not crown.

leaves turning reddish;

gland-appendage white.

tuft, culms according.

rays and dish yellow.

stom prostrate well, evely ever brancher, wintergreen odar when erober: print immuline.

1964 Virginia 45831 Vaccinium vacillary common in oak frest 32 folidags calsing orcasional in open power-line night-of-way Vaccinium of palliding common in other woods on vocky slope rare on roch-slide in woods common on north-slide in woods. 36 Solidago common on edger of shallow ravine in words 37 Campanula divaricata common in woods on blat ground slightly cut by ravines rare on north slide in word, 39 Hypercum hypericoides ad + Rob. occasional in open power-line right - of - way 40 Lobelia inflata rare in open power line mght of - way 41 Myrica perograma 1/2 common along road in open

flen, nat Park 109 low steril plant glavery - beneath. stems slightly glavery heads yellow. low plant, sterily, glaver beneath. steril erect to turning had, pods semi-terete. heads yellow. cirollar blue - violet. stems accending (rame & # 45 835?) prostrate. low shoul, fragrant when broken; slevil,

Farguier Co. 110 1964 Vingning Boht. 27 - Wildeat my. Preserve, west base of mountain near Enon Church hardwood growth great 45842 Lilphium erect, 1 m. tall, and sterile. yellow turning reddish. 44 aster 13 common locally 45 mars 12 -bed in cremes abundant in bedroch stream may purple 12 46 arter locally common shrub, mtall, 47 Vibunun acerifolium L. fruit black, bleshy. common procumbent; rooks 48 galium yellow, turning reddich I loral on rocks in raving bottom 49 Desmodium nudiflorum common small shrub 50 Rosa carolina 1/2 emmon heads yellow. 51 folidago . 2 very loral 52 (leg.) 53 Leutellaria verasional 54 Hydranges arboressens common hert for to m. call from 55 Collinsonia canadensis stony-hard root; corolla light common

Langues Co. later type \$ 1964 Vinginis from tranching no 45856 Henchera 57 Bothmeria extending occasional in stream- beg 58 Hypericum punctatum Vam. occarmal 59 Bronny occasional in old wed fed 60 Hermodium rare in old road - bed 61 anemone common in old road beg 62 Polygonen vergemens I local in Ild roadbeg 63 Muhlenbergis occasional heads yellow 44 Addago ray white, dish 15 aster lateriflour common along old road bef fruits earrly detached. be agrimonia occasional alongold road bed 67 Clematis achrolenca art. common breally

116 1964 Virginia total types Oct. 4 - Elle Wallow theter 45868 Carya Ort, 4 - Shryling Drive near Elle Wallow in edge of hardwood frest 69 Chelidonium occasional in weedy grown common in weedy ground 71 Vitis vuepina d. X2 72 Vitis aestiralis Michy. Vat climbing in trees 73 Crataegus chrysosarpa ashe 74 Crataegus bryntoni Beadle? 15 Oct. 4 - Shylin Drive; n. w. of Elle Wallow, M. p. 23 in edge of low frest 75 Crataeque marrosperma

Stremanlah net, Varl 117

tree 20 m tall, sudden. back flaling, muts from ground. (same tree as no. 45505)

steril at this search wordy wing; leaves green beneath; steril.

green beneath; steril.

grandy wing, leaves grandy wing, leaves grandy wing, leaves grandy, som, leaves grandy wing, leaves grandy, som, large should 3-4 m, tall; fruit greenish yellow.

Shruk 4 m, tall much enached, fruits dulf orang- red.

shout 3 m. tall; fruit bright red, juicy; nutlets of C. banlica.

Shenandoal Not Park 119 118 1964 Virginia Oct. 4 - Ruttlesnahe Voint Overlosh total embanhment below 950 m. Alryling denne, in full sur - sish dill yellow, raised. 45876 Heliopsis! oreasimal rost thick, heads purple. 77 anetium minus occasional same - on semi-open, semi-150 30 wooded noch slope sterily shoul. 78 Ribes notundifolism mich.? strongly aromatic 79 Hederma pulegiordes 80 Ostrya virginiana (Mill.) Korh shrubby tree 5 m. Cal 81 anemore virginiana 32 folidage flexicantis L. to woody vine, leavesfallen 87 Vitis aestivalis michs. fruit blue, with bloom. occasional, climbing on bushes from flava. 84 Polygonum custatum ingelm. Tray herboreous twines. correserent, m. talp. 85 Kubus ef. argutus common 86 asplevium platyreum common sterile 87 Ribes notundifolium (.? crasimal shoul 3 m. tall, leaves 78 Hammamelis orginiana already shed (others with very common som leaves still), petals yellow. 89 Panieum very common

act. 14 - flyma from Wartington a atlanta-Gring south from Washington you a considerable distance freited land makes up at least 9071 of the area on the Virginia side of the Potentice at this reason the serul fine patches stand out very clearly forms of the bradles trees are changing color Ligardanter Cornus Fragines, etc. but the landceapers generally still green. the free 19 solid, soft, by comparison almost bluist green. The further of cleared land increases withward.

Oct. 14 - driving north from atlanta Talbulah gage - a deep slack in the mountain mass where the Blue Ridge extends into Georgia general vegetion a rather serubby mixed fresh of pines roales The country rock is a rotten granite.

Northward the country becomes mountainous the more level places

are cultivated. Hells all wooded form bluffe are only thinly wooded. Fall coloring. Il begun.

about 1 V

· try is ounded

vandvolger

gabundent

gabundent

in edger

g in

entert

en brig

men men a billy plateers partly wooded, partly enthroated.

ble,

men wood.

Mrs forter To warm for. Trong from U.S. Cedar Rock, " grenne part orter Ealloway developmy Ealloway garden Frank Hill greanville dia moratos resultanton y la Res aunter men Flet Hods men griffen 34

Virginia - georgia

act 14 - flying from Warrington is atlante. Gring south from Washington In a considerable distance frested land makes up at least 9070 of the area on the biramia side of the Potentico at this reason the serul fine fratche stand out very clearly forme of the broadless trees are changing color - Ligitudantes Cornus Fragisms, etc. but the landrage is generally still green, the from 11,9 solid, soft, by comparison almost bluish green. ile fromthem of cleared land increases withward.

Oct. 14 - driving north from atlanta Talbulah gorge - a deep slack in the mountain mass where the Blue Ridge extends into Georgea general vegetion a rather scrubby mixed fresh of pines roales The country rock is a rotten granite.

Northward the country becomes mountainous the more level places

are cultivated. Hells all wooded for bluffe are only thinly worded. Fall coloring well begun. above mountain City is abroad valley surrounded by rather alrupt mountains. Delland & Highlandspectacular drive through wooded mits. a waterfall to it, just above Dellard. Kudyn is very abundant along rade and in edger of brown climbing in trees and covering embankwith tulif, sed maple, abundant, some word. Some line shows but young. up fainly trigh the coloring is spectacular. well up there is a billy plateen partly wooded,

Oct. 15 - Horse Cove, Highlande Deep valley with steep. hill and cliffer around it. Black Roch is a steen cliff, smooth on face H. Howe place. Large open scubby bog a many. gentiama y saponaro Diewillo semblola alnus semulala lice rulnum. Hyperium putcashum your articlople fanacenia purpurec Enophorem virginizum Vitunum Koza palustris Conus is, Comundo como claylores C. regiles in mamy my & andium Cilchis formings Imilax not. amianthium lix wertreellate

Cheling

When we never

Vaccinion 1221.

construction oftenerales

Vernomia
Leinpur errophrus vd eff
halir if curbumum.
(in lium of laren

Luftation perfoliation

for acceptation

In charles estifolia

In charles mum Mi

Highlands Station Mrs. Valenting would be a good person to have a a project emmittee. Mrs. Clarkson a very wealthy of year-old much interested in museum, gare the back "wildlift area" to station. (send her a broken In thelma Howelf - very aggressing, outspossing director of station. Miss Kelen augur-competent: garden-elul-woman. my. Mitchell-bras 18 acre place, with motif, fine garden, Hosle Con I roy Ralph M. Largent 4 College and Penns.

Ost. 15 - Cullasaya Jorge bit Highlands and Flerente Their a diet große cut in grein fermiant hardwood bonest, very mixed, well, a liberal scattering of Vinus strobus (some very lage) and Truga. Dense undergrowth of Rhododendron, etc. aren welvien, Betula alleganiens Lundendin magnotia frasen, several orales, but there not a very prominent in vegetition. Leveral magnificent waterfalls long careade naces with recognize ledges.

11676 Vien Lamis

Peterson Range Herblands Oct. 15 - Horse Cove, Highlands in brushy Sphagnum bog. 45901 Erisphoum virginisum L.

13 locally common

11 02 Juneus cf. debilis

1 1 03 Vibanum nudum L. ef. var. angustifolion 7.19.

1 1 04 Chelone cuthbertie Small

J 1 05 gentiana of cheroheensis?

VI 06 Lencothor axillaris (Lum,) Don

11 07 Hypericum prolificion L'. locally abundant

XI 08 Dulielium arundinecoum

VI 09 Lechea of mina L. oreasimal around margin of

Oct. 14 - valley south of Chestnut Ridge, Highlands

11 10 Selaginella rupestrio (d.) Sprent.

1 11 bensother editorum abundant, forming a dense shrub tager in hemlock-hardwood forest

12 Gentiana kilora
commun in second-growth
bardwood fruit on east-fracing
slope

easily at base.

should 1 m. talf (others talles), fruits soft, blue-black.

flowers light blue-violet

slems, petiole and

budding skiles coral red,

should 0,5' m. tall (others seen
to almost 200), closely

branched.

forming large cushions tangled shrub 1-2m. Talf.

flowers white with purple lines on outside of throat, closed.

M-9 Tract Mantabela Track morentain will, Trunga caroliniana and Pinter pungens "Heathaut Rolge

Bottom of garge in clock!
with tar gled Photological manning des holds; more with great bembolis
faser, lang ilet him
Zetula lenta, lice midning
falena

mitchello portypia

Obout to acres branded in side by mut prest of most which it is being out off on which north ride by another minutes owners. I a reasonably self-contained valley (head is not on property).

Cowes for ( " B. w) over belief towar Castrier, 4 east. Whiterido M. on it. in distance Imale hnotes as middle distance, will, bras manded shoulder, Valley of stopes billed noth petala dee, rulium Your a blaze of ned. range, & yellow. Gyen impers along running. propers viginians on ledge of Whiteride I were toward irliville. get Blu Bridge a Cower Mety. 4700 PX Roth in Cheiss.

Kadfrerd, G.E. of al Juide Or the Vascular Flora of Math Caroling Tool Such. Uf MP. Chapel Hill \$395 paper 636 hard

Vogelman, H.W. natural areas in Vermont. VX. Resultes. Center Rept. 1 1-29, 1944 an. Ey. A. V. of Vit. Rulingin

The Highland, Bistoqual Station in The logical center for mientific research in the anen and is a very active direction. a number of universities maintain tables their (at 1100 per year) ing are represented on the board of trustees. It is otherwise an interentant enterprise originally started and opposited by W. C. Colse, Dt, director is an able, agressing, directs physiologist who is clearly broad enough in her appreciation of other field to back many brinds of studies. Her name is Drittelling Howell. The station, has two substantial building and has just received another the station differ from others in that it is not a summer selvert, has no classes. but is used entirely for graduate and host graduate rereard. It was about 6 arrer of ground where the buildings

are, about i acres of take adjoining, and a sixcer matural or "wildlift area. This station would be the · Cogical user of ann matural area present restablished in the tightend ricinity. The totun of Highland is a result town, with about lood year-around resident and code summer windents meny of the latter wealthy presple w to maintain men homer then, some mery elaborate. The year about propulation is divided ento "natines" - monntainer people, mostly fronly educated and with little appreciation for notting, and retired well- or-do people, mostly from Plantante morter. There is not to much branning between the trongroups, and the trun is unfortunately there are a frew active beller class perpet, also, such as Dr. Howell the mitchells, etc.

there is some interest in a malural area muserration project in the part of a diverse section of the projudation, from which it would be freily eary & select a project committee. This as an inmediate thing, because ere areg a gift de won as a single boundary can be surveyed and in a tract of 20 acres on so of vilragin heutra and hardwood timber, offered by a ne monte Herry Wright, an old time resident of Heghlands, Mr. Wright is a self-educated naturalist of rather unusual ability, very modest and homespun, but active, and interested and involved in many fully matters, including the Brologue station and the museum. He would be an invalvable member of a project committee , He also has

The instrantage of reparently getting ains well withall tex people who would be involved in this, including to Kowelf, another area that the owner says she is willing to donate is a log in Horse Cove. M. prosebly 15 - 20 acres This belongs & mis James H. Howe, a local residention hose humanli family wined a property of about 150 acres for a long time. A Col. Howe decorrered years ago. mrs Howe who lives on the property, is now trying to subdivide of and sell lots, Though The certainly does not med & is she seems well-fired, f-manifely Ale perhaps meeds to as an outlet on a certain amount of hyperthyroid energy. Ale is a charming, intelligent lady, but with no scientific background, fer bog in along Big Creeks, 1 and has been substantially enlarged by recent beares

activity. The beaver are said to have come about 10 years apo, have fruit a complex of darn, have cut Imany trees, and bothered Mrs. Howe mound, the will give us this land, but may need a title nurring along. the long is an elepance of Aphagnun, with Ihrubby vegetition of alder Vibarnamy swarnly nove, black gum and ather swamp strubs, and a grod assortment of marging have, renfortunately, being planted to white June, and probably grazed some. They are very four Aphagnum dry in the southern Blue Ridge, and even through this one has had the frine plantes great interest and area & bepresent

another a rea that minted is a smill you party owned by the wif. finder, clerk of the 17 stany Defet of Columbia University. El central feature of the a grove of every tange, old hemlody and serry hardwood, widely spaced but with a dense undergrowth of Rhododendron, Kilming, and other struction, encluding the interesting Vyrularia, of the muddling family, It is an immally southerly station for the northern red outs they is a complex of small stream. this will to probably be given, a at least the frant of it with the big hernlocks, some or later. I am mot were of the acreage of Uras. Both multowe and Dr. Oline would doubtless be willing to be members 8/2 the project commonter. thave told de How that The should be, as the donors of land neverally did

serve in this capacity and single trouse's across the road from there are they body she would be in algoris position to watel ove, I talked about the noture conservancy to the Grahlands ! Garden Club, and They froved a be a very responsing andience indeed. They are a very come minded grown and with some ileadership, can be made into an effective influence for conservation in this community If we can trandle them maght we bay freebales, through them, reach considerable wealth too the conservation charman of this Typin, who invited me to lundy. Interested people also, are Mrs. & Davenport, an elderly northern lady who live in Highlands, and this Helen augus, a former new york, scentary who lives in loghland

The year around. D. L. Ralph M. Largent, head of the English Delet, of Haveifred Chillege, is a summy rigident of Highlands, a very action amorteur naturelist and photography and will respected in Gighlande He is a member of the board of thy Birlogical Station Mr. Frank Dulany in also a role trans already giver us an area and another, har a home in Highlands, and some property, though his main trome is in revande 12stly My. Dulany and how fargent should be wished to send on the I were of committee unther was that we can brief up a complex of natural areas around (fighlands is In working with the Mantahala national firest. Mr. Wright and pr. Howell have been willing in this for years at the treat range, level,

and have got at least is a ear designated as prentification in the males in the signed However, the ranger office. with whom they worked has recently theen transfirmed; and they I not benow if any recommendations trans ereen made of the regional office in alterity or from One of their and Trait M-9, borden the area being given by me Wright in two wides The lower part of it has been cut mer for the - Carge tremboly dut The brigher Ring is a called most interesting and irrigant and area. It has what may be the largest sland of the endemu turstitus Herrbook in existence; as well as hable mounting Mine, Rhododendin catarbiens, enjoyeting and the interesting plant,

people of war is suggest that they underlang project of working toward a that will provide for the fighlands prological talin example of all the important landscape types, bistopes, and thatitat, that are found in the Graphlands region, forme of there will be set aside by the frest Lewis Others will be donated. Other will doubters have to be purchased, its first necessity, after the Project Committee is formed, will have to be & survey to determine what kinds of areas are required and where the best merane. This should be done by a good sectionist, working expecially with my Wright and with the local bieth man of the station Thave suggested that citizent important who holds title to the areas

permantly preserved and dedicated as we could hold title and lease thom to the station, or if a satisfactory agreed with the flation, those that we have the flation, those title to a some of them, could be transferred to the flation with suitable reverter clauses.

147 Fairfax Co. 1964 Vinginia 146 Calicle Oct. 25, 1964 - Tolson's grange" 45924 3 mi. s. of great Falls of the Sotomar. 45913 Vainfrax Co. blank Carpinus caroliniana cultivated (wild plant transplanted from great Falls) ale trenger blank, 45914-24 nov. 15, 1964 - Wildcat Mt. Present west slope along road at old dumpon 14 Celidonium majus L. established 15 nepela contaria L. established 14 Mentha spicata so plant seen Melissa officinalis L. 13 Hedyotis persperen(Li) in old road on lower west stope in open Soon mused great 18 Hedystis purpueg (L) 7rg oceaninal 19 Vitis of aestiralis 20 Whihlenbergie sobolifera (muh!) local, frining small colonies 21 agrostis perennan v aestivalis Vasey prostrate erefung vine. 12 Vinea mina L. sterile one colony several on across seen

45913 Painfrax Co. Clarke ate tronger blank, 45914-24 Maria I.

Virginia 146 fall 9131 Oct. 25, 1964 - Tolson's grange" 3 mi. s. of great Falls of the Sotomar. 445913 Carpinus caroliniana cultivated (wild plant transplanted from great falls) nov. 15, 1964 - Wildcat Mt. Presero swest slope along road at old dumpon 14 Celidonium majus L. established 15 Nepela cataria L. established 14 Menthy spiraty so plant seen 17 Melissa officinalis L. stangly established 18 Hedgotis perspecen(L) in old road on lower west stope in open soon mused great 18 Hedystis purpueg (L.) 749. occasional 19 Vitis of aestiralis

20 Muhlenbergis sobolifera (Muhl)

local, frining small colonies
21 agrortis perennan v aestivalis Vasey
common

me colony several marross sean

Nov. 15 - Wildcat Mr. most of leaves are off of deciduous trees except some value which retain brown leaves y, who siglings I wall flock of chicas is and small flock of crows in frust on where slopes. Mature J. rula han ilmost po leaver left, but sapling to 5 m still have many evo. not get ky. Vitis of fruit on growing blue, good plane, small see.

Virginia

a patch of howers japonica on road below prims hour down on relatively flat ground - extends 10 paces to west, 75 paces to east.

Dianthus armeria is &-

Prunella mulgaris is pl-

del from 141 45973 Vitis aestivalis

24 Parilla frutescena (L.) Britt.

fruit cluster broked up from ground. grapes globose somewhat sweet, good flaves, black with slight bloom. erect, day.

nov. 22 - Trifty Tredericherbuy from alleconding, by ca. Ont freent - all the trees practically, have hour, leave work int half their beight the crown are for is and the lower branches, especially short lateral Krandrer are still quite leafy. Auflings are mostly still deapy. ! Zelveder Farm a great flood of starlings in parties - several thousand of them. a great many, cilla, worting in trees inner educat 170 mps, sant.

Inner virginians

This more virginians

Lintry and to

Separation of the tebriles

in a protein of the tebriles

in a protein of the pers

in a placetime of the pers

in a placetime of the plans

in a placetime of the pinguing

short, weenty at the sems

deun min allemite bredens delarm the note there in a server dettering, early in Live is the zero Charles 12 1-12 Linuary Day - 22 - 1 - 1 in the state of Structure and waring original 12 lula migres allow when (insinon i my m Thinker on in the white Line amia, my receive Vilantag tancomic Eighantofus carriera. .... are miran buyland my van Roba ma the mo all un vineal lundering hor. Lachenter Thumanium Properrie in senstine on an Promo of regular

i fine ind; it hour nome done

45925 - De Blanks

45925 - De Blanks

Stany

otherwise blogsely

1964 Unginia former meadow in alling Till -stant of and trypogen Tridens, lette. miline, other to the for all dry at the near except in or two yourse -Solidays? certing all leave; of tree. Er linen, Elphantopal, and open, Fridens, 24, Section Re

152

Nov. 17 - Washington, E St. and roth NW Lepidium virginicum common in recently victures weedy ground between sidewall unfund

> nov. 22 - alexander Berger Sanctuary, Rappaharmod River 5 miles below Fredericksburg in meadow on flood plain ilong me 21 acalypha gracilens gray

common 27 Lespedeza stipulacea maxim. - James losally

28 Trichosterna of dichotomum h. oreasional

29 and opogen elliottir

30 aristida oligantha Micha.

a few small no ngm annel presero, Tho only no hunting sign and tot ones from last year or earlies.

priols write. The searce has been unusually mild.

plants already dry. plants already dry plants already dry small tripts, already dry. small tufts, already dry,

Mor. 30 - alecander Berger Present.

Men fronth, may m. King The much history information 5200 13 -L-1 +

area around beare pen great below the road right of

e finalendam

ve vetula migra

e Platanus scridentalis

In the Heart plain. slightly high store of of Relium. Patetres of Engl bid in then

Gleditating troumthon Prox tortoine shell 2011 iunia wordwein?

1 reaver dam and lower end of pand lines with Hibiseus M.

